



- Certified Management System
- EN ISO 9001
- EN ISO 13485



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CERTIFICATE OF ANALYSIS

Product name: **85B recombinant protein** (Recombinant 85B protein of *Mycobacterium tuberculosis*)

Alternative names: Rv1886c, FbpB, secreted antigen 85-B, antigen 85 complex B, Mycolyl transferase 85B, Fibronectin-binding protein B, Extracellular alpha-antigen

Cat. no.: LRP-0005

Batch no: 1480

Protein content: 100 µg of protein in 179 µL per vial (LRP-0005.1)
500 µg of protein in 893 µL per vial (LRP-0005.2)
Protein concentration: 560 µg/mL as measured by a Lowry-based assay (1).

Source: The recombinant protein without the signal sequence and with an additional N-terminal histidine tag was expressed in *E. coli*.

Format: Dissolved in 10 mM NH₄HCO₃, pH 8.0

Additives: No additives added

Storage conditions: Store at 2-8 °C.

Purity: > 95 % (SDS-PAGE/Densitometry)

Western Blotting: Positive with specific monoclonal antibody, slight crossreaction with anti-*E. coli* antibody

Endotoxin content: The endotoxin content (Limulus Amebocyte Lysate assay) is 22.45 I.U./mg.

Expiry: The protein is stable at least until August 2018.

References:

1) Lowry, O. H. et al. (1951) J. Biol. Chem. **193**: 265-275

Warranty and use of products:

This product is sold for research purposes only. The product is not intended for medical or for diagnostic purposes. THE PRODUCT IS NOT FOR USE IN HUMANS. LIONEX GmbH is not responsible for the receiver's use of the purchased material and for any possible consequences thereof.

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Quality control passed:

29/09/2017